

CLAIMS

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1. A saddle (for a pedal-operated machine), which saddle has a seat portion having an upper surface for supporting the buttocks of a user and a mounting arrangement for the seat portion which mounting arrangement permits the seat portion to perform a lateral rocking motion ¹¹² the effective axis of which is disposed above the upper surface of the seat portion.
2. A saddle as claimed in claim 1, wherein the effective axis of rocking motion of the seat portion extends substantially horizontally.
3. A saddle as claimed in claim 1 or claim 2, wherein the mounting arrangement includes a mounting bracket to permit the mounting of the saddle on the machine.
4. A saddle as claimed in claim 3, wherein the mounting arrangement includes a track of generally of arcuate form and which defines a curved path along which the seat portion may in use move.
5. A saddle as claimed in claim 4, wherein the track is of part-circular form, centred on an axis disposed above the upper surface of the seat portion.
6. A saddle as claimed in claim 4 or claim 5, wherein the track is in the form of a rail mounted on one of the seat portion and the bracket, and the other of the seat portion and the bracket has at least two rollers which run on the rail.
7. A saddle as claimed in claim 6, wherein the rail has an upper surface and said at least two rollers run on the rail upper surface.
8. A saddle as claimed in claim 7, wherein the rail is of T-shaped section with a flange projecting laterally from a central web and there are at least two further rollers disposed one to each side of the central web of the rail and arranged to run on the undersides of the flange, in opposition to said at least two rollers.
9. A saddle as claimed in claim 4 or claim 5, wherein the track defines a channel-shaped groove and there are at least two rollers which run in the groove.
10. A saddle as claimed in claim 9, wherein there are two channel-shaped grooves spaced apart in a direction parallel to the axis of rocking movement of the seat portion, and there are rollers which run in both of the grooves.
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12. A saddle as claimed in claim 3, wherein the mounting arrangement includes two links each connected at their upper ends to the saddle portion and at their lower ends to the mounting bracket, whereby the rocking motion is defined by the combined action of the links.

14. A saddle as claimed in any of the preceding claims, wherein the seat portion is resiliently biased to a central position and moves against that bias when performing a rocking motion.

16. A pedal-operated machine whenever provided with a saddle as claimed in any of the preceding claims.